

SHUBHAM GOSAIN

Working as: SENIOR DEVOPS ENGINEER

ABOUT

Design and develop solutions for products and provide infrastructure support to product teams to ensure continuous delivery. My work requires me to handle on-premise Linux servers and maintain services running over them which allowed me to build solid basics over time.

WORK EXPERIENCE

DEVOPS ENGINEER - III

One.com | Oct 2018 - Present

- Designed and developed technical solutions for automating various processes across products. Like created automation scripts for the sys-admin team, a tracking bot for the support team, maintained a system to collect and visualize products analytics, lead and re-developed a backend Golang API for WordPress product, leading a big project transition along with other internal IT tools and applications etc.
- Working as a DevOps member of the product's team to take care of their infrastructure by automating deployments, builds, creating and maintaining their application servers, identifying risks and security aspects, preparing local dev setups, collecting/visualizing product analytics, and bridging the technology gap between Devs and system engineers.
- Have worked as System Administrator for the initial 12 months performing 24/7 server monitoring and handling top-tier customer escalations. Was responsible for monitoring ~6k nodes in a team of 2.
- Ensure up-to-date documentation and SOPs. Leading a team of developers within the department. Also, have led project reviews and training for interns and new joinee.

OPERATIONS ENGINEER INTERN

One.com | Jun 2018 - Sep 2018

- Skills scaled on Linux OS and bash with local setup of the web, DNS, databases, monitoring, mail, etc along with their regular assessments.
- Designed and developed a web hosting product under project review.

Have shared more at <https://shubham.believer.com>

TECHNICAL SKILLS

DEVOPS

Linux System Administration, Docker, Kubernetes, Chef, Gitlab CI/CD, Product's analytics and some hands-on with AWS.

WEB - MAIL INFRASTRUCTURE

Apache, Nginx, Unbound, Bind, Haproxy and Postfix

DATABASES AND MONITORING

Postgres, CockroachDB, MySQL, Prometheus, Grafana and Nagios

LANGUAGES

Golang, Python, Bash, SQL, Java

APPRECIATION AWARDS

SUCCESSFUL PRODUCT LAUNCH 2021

For building backend app and preparing the infrastructure of our MWP product

PROFESSIONAL GOLANG DEVELOPER 2020

For the successful redevelopment of a critical application

SUCCESSFUL PROJECT TRANSITION 2020

Successful Delivery of feature after transitioning from EU

PROFESSIONAL PYTHON DEVELOPER 2019

Overtaking all the team's active python development

WEBSITES

WEBSITE:

<https://shubham.belieever.com>

GITHUB :

<https://github.com/shubhamgosain>

LINKEDIN:

<https://www.linkedin.com/in/shubham-gosain>

MEDIUM:

<https://medium.com/@shubhamgosain1>

CERTIFICATION

CKA - Certified Kubernetes Administrator

CONTACT

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LOCATION:

Delhi, INDIA

PROJECTS

WORDPRESS API

Redeveloped Backend API for one of our most popular product offering WordPress. API was upgraded to the latest Go version along with the redevelopment of its config, routes, response, monitoring, and package structure. It handles serves ~2M requests/day.

Skills - Golang, Docker, Kubernetes, Prometheus, Chef

WEBSITE SCANNER

Application written in python to periodically scan websites and store the gathered information. It scans ~1.5M websites/month.

Skills – Python, CockroachDB, Docker, Kubernetes, Analytics, Prometheus, Chef

WEBSITE UPTIME MONITOR

An application to run regular uptime checks on websites and notify the customer if it's DOWN followed by a notification when it's UP again.

Skills – Golang, CockroachDB, Docker, Kubernetes, Prometheus

WORDPRESS INSTALLER

An application to install our WordPress with our custom overlays. It is a crucial backend for our product to allow customers to install WordPress with just a few clicks.

Skills – Golang, CockroachDB, Docker, Kubernetes, Prometheus

ISSUE TRACKING JABBER BOT

Developed an issue tracker for customer support to track, manage and handle the escalation tickets. It also provided utility commands helpful to supporters.

Skills Involved – Python, Postgres, Chef, build, and Gitlab CI/CD

ANALYTICS SYSTEM

Worked on developing an automated analytics system to visualize product analytics.

Skills – Python, PHP, Chef, build, and Gitlab CI/CD

OPERATION UTILITY SYSTEM

Worked on a Website to provide necessary features and utility to the operations team in order to perform their daily tasks.

Skills – Golang, JS

ACADEMICS

B TECH, COMPUTER SCIENCE ENGINEERING

Guru Gobind Singh Indraprastha University | 2014 - 2018 | AGG : 78.6%

XII, Science with computers

Kendriya Vidyalaya | 2012-2014 | Percentage : 89.6 %
